

**SYSTEM AND METHOD FOR DIAGNOSING AND MONITORING  
OUTCOMES OF ATRIAL FIBRILLATION FOR AUTOMATED  
REMOTE PATIENT CARE**

**Abstract**

5           A system for diagnosing and monitoring outcomes of atrial fibrillation for  
remote patient care is presented. A database stores monitoring sets containing  
recorded measures relating to patient information recorded on a substantially  
continuous basis. A server retrieving and processing a plurality of the monitoring  
sets includes a comparison module receiving a diagnosis of atrial fibrillation and  
10   determining patient status changes in response to the atrial fibrillation diagnosis  
by comparing periodically recorded measures from each of the monitoring sets to  
other recorded measures from another of the monitoring sets with both recorded  
measures relating to a same type of patient information; and an analysis module  
evaluating on a periodic basis each patient status change for an absence, an onset,  
15   a progression, a regression, and a status quo of atrial fibrillation against a  
predetermined indicator threshold corresponding to the same type of patient  
information as the recorded measures which were compared.